

## NSLS OHSAS Job Risk Assessment

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<b>Name(s) of Risk Team Members:</b> D. Abel, B. Chmiel, B. Kushner, J. Newburgh, M. Schwarz	<b>Point Value → Parameter ↓</b>	1	2	3	4	5
<b>Job Title:</b> <span style="color: blue;">Elevated Work</span>  <b>Job Number or Job Identifier:</b> <span style="color: blue;">LS-JRA-0035</span>	<b>Frequency (B)</b>	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
<b>Job Description:</b> Elevated work (greater than 4 feet above a lower level) at the NSLS. (Not including portable ladder work)	<b>Severity (C)</b>	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training and Procedure List (Optional):	<b>Likelihood (D)</b>	Extremely Unlikely <<1x/20yrs	Unlikely 1x/10-20yrs	Possible >1x/10-20yrs	Probable 1x/yr	Multiple >1x/yr
Approved by: W. R. Casey      Date: 8/11/05 Rev. # 1 <span style="color: blue;">Revision Log</span>						
<b>Stressors (if applicable, please list all):</b> Temperature extremes (hot), noisy environments, low overhead clearance, contact with itchy pipe insulation		<b>Reason for Revision (if applicable):</b>			<b>Comments:</b>	

		Before Controls							After Initial Controls						After Additional Controls					
Job Step / Task	Hazard	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Initial Controls	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Work on an unguarded platform.	Falls to lower level.	N	1	2	5	3	30	Fall protection, work planning, Tier I	1	2	3	2	12							

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Job Step / Task	Hazard	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Initial Controls	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Climbing/working on overhead piping in Mechanical Equipment Rooms	Falls to lower level	Y	1	3	5	3	45	Fall protection, procedures, training	1	3	5	2	30							
	Being struck against an object	Y	1	3	4	3	36	Fall protection, procedures, training	1	3	4	2	24							
	Being struck by a dropped object	Y	1	3	4	3	36	Procedures, training	1	3	4	2	24							
Working in fall arrest harness	Bodily trauma from fall with harness	N	1	2	3	3	18	Properly engineered fall arrest system, working with second person, training	1	2	3	2	12							
	Entanglement in surrounding equipment	N	1	2	1	3	6	Working with second person, training	1	2	1	2	4							
Further Description of Controls Added to Reduce Risk:																				
*Risk:	0 to 20 Negligible	21 to 40 Acceptable					41 to 60 Moderate			61 to 80 Substantial					81 or greater Intolerable					